

## ABSTRACT

A method of manufacturing a catalytic converter includes the steps of: a detecting step for detecting a pressing force at a time when a catalyst (11) is press-fitted into an outer cylindrical housing (13); a calculating step for calculating a diameter reduction, by which a clearance value between the outer cylindrical housing (13) and the catalyst (11) is set to a desired target value, based on the pressing force detected by the detecting step; and a swaging step for reducing a diameter of the outer cylindrical housing (13) based on the diameter reduction calculated by the calculating step.